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DATE: 11/19/04

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Joseph Edward Casterline

SERIAL NO.: 10/612,526 FILED: 07/02/2003

EXAMINER: Noah Kamen ART UNIT: 3747

TITLE: Hydraulic Control System for a Variable Compression
Ration Internal Combustion Engine

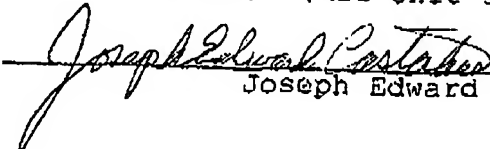
Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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CERTIFICATE OF TRANSMISSION

I hereby certify that on this 19th day of November,
2004, this correspondence is being transmitted via facsimile
(703-872-9306) to the United States Patent and Trademark
Office, Attn: Noah Kamen (Art Unit 3747).


Joseph Edward Casterline

TO THE COMMISSIONER FOR PATENTS
RESPONSE TO OFFICE ACTION AND AMENDMENT

Dear Sir:

This is in response to the Office Action dated July 29,
2004, having a shortened statutory period for response set
to expire on October 1, 2004.

1.